Homework

There are interviews with many candidates from different colleges for internship programs using coding challenges and contests. Each candidate joins the interview system by submitting an application. A candidate can apply for none, one or more jobs, so he/she can have multiple applications. For each job(position) at a company, a contest is held. A contest can consist of one or multiple coding challenges. A contest must be held in a college, but several colleges(universities) can hold the same contest. A specific contest can be used to screen candidates at more than one college, and a college can hold more than a contest.

The following tables hold job applications data:

* [Submissions\_Stats]: The challenge\_id is the id of the challenge, the candidate\_id is the id of the candidate, total\_submissions is the number of submissions of the candidate for the challenge, and total\_accepted\_submission is the number of submissions that achieved full scores.
* [View Stats]: The challenge\_id is the id of the challenge, total\_views is the number of times the challenge was viewed by candidates, and total\_unique\_views is the number of times the challenge was viewed by unique candidates.
* [Submissions\_Stats]: The challenge\_id is the id of the challenge, total\_submissions is the number of submissions for the challenge, and total\_accepted\_submission is the number of submissions that achieved full scores.
* [Colleges]: The challenge\_id is the id of the challenge, total\_submissions is the number of submissions for the challenge, and total\_accepted\_submission is the number of submissions that achieved full scores.
* [Contest]: The contest\_id is the id of the contest, college\_id is the id of the college that holds the contest, the job\_id is the id of the job for which the contest is held, the company\_id is the id of the company for which the contest is held.
* [Challenge]: The challenge\_id is the id of the challenge. A contest must have one challenge but can have multiple coding challenges.